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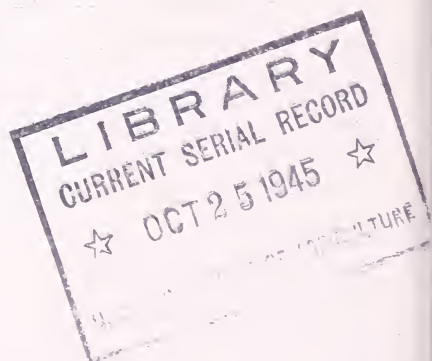
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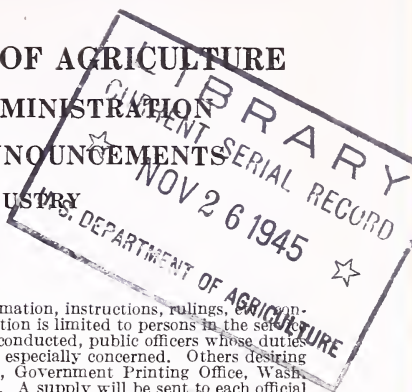


UNITED STATES DEPARTMENT OF AGRICULTURE

AGRICULTURAL RESEARCH ADMINISTRATION SERVICE AND REGULATORY ANNOUNCEMENTS

BUREAU OF ANIMAL INDUSTRY

SEPTEMBER 1945



This publication is issued monthly for the dissemination of information, instructions, rulings, etc., concerning the work of the Bureau of Animal Industry. Free distribution is limited to persons in the service of the Bureau, establishments at which official inspection work is conducted, public officers whose duties make it desirable for them to have such information, and journals especially concerned. Others desiring copies may obtain them from the Superintendent of Documents, Government Printing Office, Washington, D. C., at 5 cents each, or 25 cents a year (foreign, 45 cents). A supply will be sent to each official in charge of a station or branch of the Bureau service, who should promptly distribute copies to members of his force. A file should be kept at each station for reference.

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CHANGES IN DIRECTORY

Change of Official in Charge

- Dr. Fred C. Driver succeeds Dr. Lawrence B. Clausen (acting) as inspector in charge at St. Paul, Minn., effective September 1, 1945.
- Dr. Frederik Low succeeds Dr. Fred C. Driver as acting inspector in charge at Bismarck, N. Dak., effective September 1, 1945.
- Dr. John Redmond succeeds Dr. Alpha E. Wardlow (transferred) as inspector in charge at El Paso, Tex., effective September 15, 1945.
- Mr. Earl B. Krantz succeeds Mr. John O. Williams (retired) at Middlebury, Vt., effective October 1, 1945.

Substation Discontinued

San Angelo, Tex., external parasites of cattle. (See Albuquerque, N. Mex.)

LIVESTOCK INSPECTED WHEN OFFERED FOR IMPORTATION, AUGUST 1945

Port of entry	Cattle	Swine	Sheep	Goats	Horses	Mules and asses
Mexican border ports.....	6,583				95	1
Canadian border ports.....	7,182	53	347		1,691	2
Total:						
August 1945.....	13,765	53	347		1,786	3
August 1944.....	5,171	6	525	1	2,165	9

Other animals inspected: 2 dogs.

Refused Entry: 229 cattle and 1 horse. (These figures are not included in the table above.)

SUMMARY OF TUBERCULOSIS-ERADICATION WORK IN COOPERATION WITH THE STATES, AUGUST 1945

State or Territory	Tuberculin tests during month			Accredited herds ¹	Herds under supervision	Inspector in charge	State official
	Cattle	Infected premises	Reacted				
Alabama-----	2,207	2	2	693	271,568	B. N. Lauderdale	I. S. McAdory, Auburn.
Arizona-----	2,399	5	6	2	12,593	F. L. Schneider	Vego Mikkelsen, Phoenix.
Arkansas-----	5,547	4	4	0	228,256	A. W. Rice-----	Joe S. Campbell, Little Rock.
California-----	56,551	19	48	7	74,669	H. M. O'Rear-----	A. K. Carr, Sacramento.
Colorado-----	1,118	2	2	24	60,846	Edgar Heiny-----	R. M. Gow, Denver.
Connecticut-----	5,102	5	9	17,872	18,972	R. L. Smith-----	Robert E. Foote, Hartford.
Delaware-----	1,099	2	2	2,138	7,663	O. L. Lockwood-----	Harry McDaniel, Jr., Dover.
Dist. of Col.-----	0	0	0	2	17	A. E. Wight-----	J. V. Knapp, Tallahassee.
Florida-----	6,381	1	2	46	67,656	T. H. Applewhite-----	Tom Linder, Atlanta.
Georgia-----	3,826	2	4	78	243,051	W. C. Dendinger-----	A. P. Schneider, Boise.
Idaho-----	3,453	0	0	28	51,500	F. F. Fischer-----	C. E. Fidler, Springfield.
Illinois-----	54,957	93	188	723	244,258	A. K. Kuttler-----	C. E. Botkin, Indianapolis.
Indiana-----	23,088	12	14	1,179	147,750	W. A. Sullivan-----	C. C. Franks, Des Moines.
Iowa-----	4,883	6	13	497	194,440	J. A. Barger-----	Will J. Miller, Topeka.
Kansas-----	11,957	8	10	150	171,032	W. E. Logan-----	B. F. Pigg, Frankfort.
Kentucky-----	1,680	0	0	19	163,867	E. E. Coshow-----	E. P. Flower, Baton Rouge.
Louisiana-----	3,099	0	0	0	148,804	W. A. McDonald-----	Francis G. Buzzell, Augusta.
Maine-----	454	0	0	125	43,817	B. J. Cady-----	A. L. Brueckner, Baltimore.
Maryland-----	16,912	9	14	14,756	45,122	O. L. Lockwood-----	Harrie W. Peirce, Boston.
Massachusetts-----	6,910	5	17	19,730	20,978	E. M. Aldrich-----	C. H. Clark, Lansing.
Michigan-----	13,894	7	7	57	207,087	C. H. Hays-----	Ralph L. West, St. Paul.
Minnesota-----	23,891	39	54	621	184,438	F. C. Driver-----	H. C. Simmons, Jackson.
Mississippi-----	1,324	0	0	6	260,174	Hartwell Robbins-----	H. E. Curry, Jefferson City.
Missouri-----	7,414	1	2	61	239,687	E. C. Hughes-----	W. J. Butler, Helena.
Montana-----	1,085	0	0	19	73,033	G. W. Cronen-----	J. R. Snyder, Lincoln.
Nebraska-----	8,337	5	7	24	135,277	J. W. Murdoch-----	W. B. Earl, Reno.
Nevada-----	296	0	0	0	3,441	S. H. Still-----	R. W. Smith, Concord.
New Hampshire-----	627	1	2	17,129	20,419	E. M. Aldrich-----	R. A. Hendershott, Trenton.
New Jersey-----	8,984	13	15	12,970	15,665	J. R. Porteus-----	Sam McCue, Albuquerque.
New Mexico-----	707	2	2	3	25,450	F. L. Schneider-----	Ivan G. Howe, Albany.
New York-----	56,002	29	138	114,142	125,612	H. B. Leonard-----	William Moore, Raleigh.
North Carolina-----	3,446	0	0	562	256,713	A. A. Husman-----	T. O. Brandenburg, Bismarck.
North Dakota-----	8,456	2	10	137	68,003	Frederik Low-----	D. C. Hyde, Columbus.
Ohio-----	14,416	10	53	770	236,376	A. J. DeFosset-----	W. W. Rosenberry, Oklahoma City.
Oklahoma-----	4,441	3	3	13	160,432	C. H. Fausk-----	W. H. Lytle, Salem.
Oregon-----	6,245	19	55	2,171	153,788	S. B. Foster-----	C. P. Bishop, Harrisburg.
Pennsylvania-----	38,183	29	103	6,334	164,452	J. B. Reidy-----	J. S. Barber, Providence.
Rhode Island-----	2,680	4	17	2,527	2,828	E. M. Aldrich-----	W. K. Lewis, Columbia.
South Carolina-----	416	0	0	114	57,509	W. K. Lewis-----	R. S. Robinson, Pierre.
South Dakota-----	1,337	1	1	3	73,365	Neil Plank-----	C. E. Kord, Nashville.
Tennessee-----	2,169	1	3	23	294,937	H. L. Fry-----	E. A. Grist, Fort Worth.
Texas-----	14,398	1	28	62	372,281	H. L. Darby-----	J. I. Curtis, Salt Lake City.
Utah-----	4,273	7	8	0	87,311	F. H. Melvin-----	Stanely Judd, Montpelier.
Vermont-----	1,362	4	11	15,455	21,751	N. H. Howlett-----	H. C. Givens, Richmond.
Virginia-----	6,817	1	2	486	199,500	H. S. Miller-----	H. A. Trippe, Olympia.
Washington-----	3,521	3	3	8	82,593	J. C. Exline-----	T. C. Green, Charleston.
West Virginia-----	3,640	1	1	612	115,943	H. M. Newton-----	V. S. Larson, Madison.
Wisconsin-----	62,079	18	39	4,318	179,527	J. S. Healy-----	George H. Good, Cheyenne.
Wyoming-----	1,420	2	2	2	21,895	W. I. Bowersox-----	E. H. Willers, Honolulu.
Hawaii-----	4,015	3	22	0	1,800	A. H. Julien-----	Luis A. Izquierdo, San Juan.
Puerto Rico-----	6,656	6	12	0	62,568	E. E. Maas-----	Ralph L. Williams, Christiansted.
Virgin Islands-----	0	0	0	0	420	E. E. Maas-----	
Total-----	524,154	387	935	236,698	6,121,134		

¹ All States are 100 percent modified accredited. Puerto Rico and the Virgin Islands are also in the modified accredited area.

SUMMARY OF BRUCELLOSIS (BANG'S DISEASE) WORK IN COOPERATION WITH THE VARIOUS STATES, AUGUST 1945¹

State or Territory	Test made of blood sam- ples during month		Tests of herds containing reactors				Calves vaccinated during month	Modified accredited counties	Total ac- credited		Herds under supervision	Total cattle on waiting list
			Herds	Cattle	Reactor							
	Herds	Cattle			For slaughter	Held in calf- hood - vac- cinated herds *						
Alabama.....	2, 239	11, 035	121	4, 543	252	114	457	42	0	0	176, 963	641
Arizona.....	167	1, 112	16	115	25	1	53	0	2	125	11, 275	1, 000
Arkansas.....	217	2, 899	46	1, 667	151	36	98	15	0	0	222, 546	0
Colorado.....	232	2, 291	48	873	0	136	253	0	9	397	3, 613	2, 221
Connecticut.....	143	2, 243	36	967	96	0	72	0	314	7, 655	920	0
Delaware.....	104	1, 113	10	291	12	11	184	0	513	10, 206	5, 232	0
Florida.....	682	10, 867	89	5, 862	228	1	601	0	115	7, 273	33, 003	0
Georgia.....	478	6, 429	70	2, 110	233	0	8	65	38	3, 079	129, 025	205, 458
Idaho.....	391	3, 636	78	1, 128	160	48	336	9	397	7, 070	45, 252	0
Illinois.....	4, 065	35, 208	850	12, 944	230	2, 032	4, 154	0	160	3, 591	93, 332	12, 283
Indiana.....	0	0	0	0	0	0	0	0	2, 779	58, 374	5, 560	500
Iowa.....	1, 006	8, 841	319	4, 767	997	17	1, 652	0	2, 711	43, 432	35, 206	4, 774
Kansas.....	905	6, 104	219	2, 239	521	0	14	0	271	5, 955	9, 906	1, 560
Kentucky.....	210	4, 435	70	1, 451	173	13	253	0	102	2, 087	37, 029	3, 386
Louisiana.....	330	3, 122	82	1, 858	140	241	1, 723	5	0	0	62, 108	23, 613
Maine.....	1, 559	10, 947	296	3, 881	551	17	320	7	121	2, 579	30, 774	14, 000
Maryland.....	487	5, 441	79	1, 546	247	24	1, 257	7	3, 306	57, 251	26, 322	0
Massachusetts.....	0	0	0	0	0	0	0	0	87	4, 290	4, 791	0
Michigan.....	2, 208	17, 448	155	2, 197	339	0	430	31	1, 280	32, 045	30, 521	101
Minnesota.....	1, 464	19, 215	507	6, 442	1, 983	0	884	21	278	8, 393	96, 697	57, 731
Mississippi.....	425	10, 713	47	929	538	0	0	5	151	4, 725	8, 305	0
Missouri.....	41	607	41	257	71	0	0	0	20	1, 472	94, 682	0
Montana.....	126	1, 752	27	600	56	28	263	0	15	856	3, 627	0
Nebraska.....	26	339	10	210	32	0	25	0	114	2, 791	7, 334	0
Nevada.....	23	649	12	561	0	8	116	0	57	1, 875	357	0
New Hampshire.....	677	7, 165	151	2, 540	387	0	492	4	9, 831	73, 923	16, 835	0
New Jersey.....	136	3, 136	23	1, 218	31	25	327	0	834	11, 780	1, 633	0
New Mexico.....	302	3, 466	13	939	43	0	194	0	49	1, 971	11, 695	2, 000
New York.....	464	9, 603	217	5, 446	8	630	5, 800	0	2, 557	45, 596	27, 901	150, 000
North Carolina.....	713	9, 753	63	2, 773	113	0	22	100	627	25, 143	249, 084	0
North Dakota.....	829	15, 978	284	6, 086	978	0	340	26	12	528	54, 972	150, 090
Ohio.....	759	10, 887	162	2, 415	488	0	591	6	3, 212	59, 743	66, 344	34, 000
Oklahoma.....	232	3, 727	79	1, 624	213	39	162	0	487	10, 768	1, 834	1, 074
Oregon.....	2, 690	16, 605	131	2, 403	311	0	741	17	0	0	116, 924	0
Pennsylvania.....	2, 847	36, 487	585	11, 366	1, 502	0	2, 435	21	6, 274	145, 357	76, 358	127, 598
Rhode Island.....	12	177	3	47	1	5	19	0	37	668	89	0
South Carolina.....	166	2, 059	19	551	24	11	10	10	80	5, 857	41, 435	4, 000
South Dakota.....	96	1, 291	33	761	90	78	356	0	11	497	3, 447	2, 000
Tennessee.....	202	5, 360	118	3, 630	157	108	585	4	476	15, 340	47, 399	5, 451
Texas.....	181	2, 106	51	1, 214	105	0	277	0	399	7, 584	1, 389	0
Utah.....	789	3, 498	52	424	0	89	293	0	3	70	8, 034	0
Vermont.....	535	7, 338	139	2, 360	0	428	1, 755	0	880	21, 090	5, 950	12, 196
Virginia.....	527	7, 554	78	2, 531	159	19	224	81	167	9, 802	189, 128	78, 761
Washington.....	1, 002	9, 603	128	2, 956	425	13	1, 388	19	0	0	72, 924	0
West Virginia.....	458	6, 155	55	1, 472	85	0	135	32	261	2, 370	73, 751	0
Wisconsin.....	558	14, 016	299	7, 966	1, 016	0	6, 542	8	6, 202	185, 146	78, 962	17, 182
Wyoming.....	89	982	12	467	27	74	114	0	8	880	3, 826	0
Puerto Rico.....	16	650	2	73	1	6	102	0	0	0	77	1, 880
Total.....	32, 208	344, 042	5, 925	118, 700	13, 199	4, 252	36, 184	535	45, 247	889, 634	2, 324, 371	922, 500

¹ Officials in charge of brucellosis work are the same as those listed in summary of tuberculosis-eradication work.

² Nonvaccinated reactors held during the month.

BIOLOGICAL PRODUCTS PREPARED UNDER LICENSES, AUGUST 1945

Anti-hog-cholera serum

Period	Preserved (processed)	Completed (batched)	Released	Destroyed
	Cc.	Cc.	Cc.	Cc.
August 1945.....	101,414, 587	94,815, 417	99,585, 400	591, 385
August 1944.....	138,943, 926	141,409, 308	152,278, 185	671, 484
8 months ended—				
August 1945.....	698,586, 294	687,413, 871	750,233, 985	2,872,396
August 1944.....	1,268,577, 712	1,287,728, 799	1,182,449, 080	6,218,908

Hog-cholera virus

Period	Produced			Destroyed	
	Simultaneous	Hyperimmunizing	Inoculating	Simultaneous	Hyperimmunizing
	Cc.	Cc.	Cc.	Cc.	Cc.
August 1945.....	5,746, 734	21,550, 941	91,344	366,780	702,275
August 1944.....	8,883, 653	25,189, 323	90,105	328,345	925,055
8 months ended—					
August 1945.....	71,338, 345	143,375, 083	798,544	3,715,081	6,031,665
August 1944.....	77,567, 701	245,706, 939	1,116,185	4,905,697	8,090,835

INSPECTIONS AND TESTS IN THE PRODUCTION OF HOG-CHOLERA VIRUS AND SERUM UNDER LICENSES, AUGUST 1945

Period	Animal inspections	Animal rejections	Pigs inoculated	Hogs hypered	Tests supervised	
					Serum	Virus
August 1945.....	283,252	3,381	25,512	15,812	524	204
August 1944.....	378,723	3,952	30,328	18,968	656	272
8 months ended—						
August 1945.....	2,073,217	24,399	204,720	102,252	3,101	1,987
August 1944.....	3,562,022	41,037	310,044	185,567	5,125	2,114

PERMIT ISSUED FOR ORGANISMS OR VECTORS, AUGUST 1945

Permit No. 56, issued August 21, 1945, to Dr. A. Packchianian, School of Medicine, University of Texas, Galveston, Tex., to transport one shipment from the laboratories of Dr. David Weinman, De Lamar Institute of Public Health, Columbia University, New York, N. Y.

NEW PUBLICATIONS OF THE BUREAU

[The Bureau keeps no mailing list for sending publications to individual employees, but sends copies to officers in charge of stations and officers. These publications should be regarded as notification copies. So far as possible additional copies will be furnished on request.]

Circular 734. Outbreak of Vesicular Stomatitis in Swine and Its Differential Diagnosis From Vesicular Exanthema and Foot-and-Mouth Disease. By H. W. Schoening and A. B. Crawford Pathological Division. P. 14, illus.

Research Achievement Sheet 40 (P). Apply Scald Controlled by Use of Oiled Wraps.

Research Achievement Sheet 41 (P). Self-Boiled Lime-Sulfur Spray, First Successful Fungicide for Peach Brown Rot and Scab.

Research Achievement Sheet 42 (A). Effective Drug Treatment for Hookworms.

Research Achievement Sheet 43 (A). Catalog of Animal Parasites of the World.

U. S. GOVERNMENT PRINTING OFFICE: 1945



